

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1	("5380273").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/10/18 13:54
S2	20	("3352303" "3565062" "3809093" "3823717" "3828770" "3861391" "4692139" "4735604" "4808153" "4815478" "4834703" "4867141" "4870953" "4898575" "4920954" "5058570" "5069664" "5163421" "5243997" "5248296").PN.	USPAT	OR	OFF	2003/02/06 12:54
S3	3	((("3352303" "3565062" "3809093" "3823717" "3828770" "3861391" "4692139" "4735604" "4808153" "4815478" "4834703" "4867141" "4870953" "4898575" "4920954" "5058570" "5069664" "5163421" "5243997" "5248296").PN.) and "low frequency"	US-PGPUB; USPAT	OR	OFF	2003/02/06 12:50
S4	1	("5304115").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2003/02/06 12:51
S5	45	("3352303" "3433226" "3526219" "3565062" "3589363" "3618594" "3809093" "3823717" "3861391" "3896811" "4188952" "4214586" "4223676" "4366819" "4431006" "4587958" "4587972" "4589419" "4665906" "4692139" "4750902" "4794931" "4799496" "4800876" "4808153" "4821731" "4841977" "4844092" "4870953" "4898575" "4917097" "4919133" "4920954" "4923441" "4924863" "4936281" "4957111" "4960411" "4979939" "4988356" "5058570" "5061238" "5069664" "5076276" "5100423").PN.	USPAT	OR	OFF	2003/02/06 12:51

S6	1	((("3352303" "3433226" "3526219" "3565062" "3589363" "3618594" "3809093" "3823717" "3861391" "3896811" "4188952" "4214586" "4223676" "4366819" "4431006" "4587958" "4587972" "4589419" "4665906" "4692139" "4750902" "4794931" "4799496" "4800876" "4808153" "4821731" "4841977" "4844092" "4870953" "4898575" "4917097" "4919133" "4920954" "4923441" "4924863" "4936281" "4957111" "4960411" "4979939" "4988356" "5058570" "5061238" "5069664" "5076276" "5100423").PN.) and "low frequency"	US-PGPUB; USPAT	OR	OFF	2003/02/06 12:51
S7	46	(dubrul and (william or will)).in.	US-PGPUB; USPAT	OR	OFF	2003/02/06 12:52
S8	15	((("3352303" "3565062" "3809093" "3823717" "3828770" "3861391" "4692139" "4735604" "4808153" "4815478" "4834703" "4867141" "4870953" "4898575" "4920954" "5058570" "5069664" "5163421" "5243997" "5248296").PN.) and frequency	US-PGPUB; USPAT	OR	OFF	2003/02/06 12:57
S9	10	((dubrul and (william or will)).in.) and frequency	US-PGPUB; USPAT	OR	OFF	2003/02/06 12:58
S10	134	catheter same vibrat\$3 same frequency	US-PGPUB; USPAT	OR	OFF	2003/02/06 14:29

S11	44	("3352303" "3433226" "3526219" "3565062" "3589363" "3618594" "3823717" "3861391" "3896811" "4188952" "4214586" "4223676" "4366819" "4431006" "4587958" "4587972" "4589419" "4665906" "4692139" "4750902" "4794931" "4799496" "4800876" "4808153" "4821731" "4841977" "4844092" "4870953" "4898575" "4917097" "4919133" "4920954" "4924863" "4936281" "4957111" "4960411" "4967653" "4979939" "4988356" "5058570" "5061238" "5069664" "5076276" "5100423").PN.	USPAT	OR	OFF	2003/02/06 14:15
S12	16	("3228400" "3369549" "3496942" "3517665" "3526219" "3589363" "3830240" "3861391" "4375220" "4431006" "4602633" "4643186" "4676258" "4698058" "4748971" "4754752").PN.	USPAT	OR	OFF	2003/02/06 14:16
S13	52	(catheter same vibrat\$3) and "low frequency"	US-PGPUB; USPAT	OR	OFF	2003/02/06 14:30
S14	5953	((604/22) or (604/500) or (604/506) or (604/507) or (604/508) or (604/73) or (604/164.09) or (604/264) or (604/266) or (604/267) or (606/167) or (606/169) or (606/171) or (606/180) or (606/127) or (606/128)).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/03/08 14:59
S15	457	((604/22) or (604/500) or (604/506) or (604/507) or (604/508) or (604/73) or (604/164.09) or (604/264) or (604/266) or (604/267) or (606/167) or (606/169) or (606/171) or (606/180) or (606/127) or (606/128)).CCLS.) and @pd>="20020701"	US-PGPUB; USPAT	OR	OFF	2003/02/06 15:48

S16	139	(((((604/22) or (604/500) or (604/506) or (604/507) or (604/508) or (604/73) or (604/164.09) or (604/264) or (604/266) or (604/267) or (606/167) or (606/169) or (606/171) or (606/180) or (606/127) or (606/128)).CCLS.) and @pd>="20020701") and frequency	US-PGPUB; USPAT	OR	OFF	2003/02/06 15:48
S17	55	((("3352303") or ("3565062") or ("3809093") or ("3823717") or ("3828770") or ("3861391") or ("3996938") or ("4404971") or ("4445892") or ("4573966") or ("4655746") or ("4692139") or ("4705502") or ("4735604") or ("4771777") or ("4781677") or ("4808153") or ("4815478") or ("4832028") or ("4834703") or ("4867141") or ("4870953") or ("4883459") or ("4898575") or ("4911163") or ("4920954") or ("5058570") or ("5059178") or ("5069664") or ("5090960") or ("5102390") or ("5135484") or ("5163421") or ("5163905") or ("5176638") or ("5176693") or ("5181920") or ("5195955") or ("5222941") or ("5304115") or ("5248296") or ("5281200") or ("5318576") or ("5328470") or ("5342306") or ("5380284") or ("5460610") or ("5462529") or ("5716340") or ("5725535") or ("5833644") or ("5836905") or ("5950514") or ("5968069") or ("6099497"))).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/03/08 11:42

S18	70	((("3352303") or ("3565062") or ("3809093") or ("3823717") or ("3828770") or ("3861391") or ("3996938") or ("4404971") or ("4445892") or ("4573966") or ("4655746") or ("4692139") or ("4705502") or ("4735604") or ("4771777") or ("4781677") or ("4808153") or ("4815478") or ("4832028") or ("4834703") or ("4867141") or ("4870953") or ("4883459") or ("4898575") or ("4911163") or ("4920954") or ("5058570") or ("5059178") or ("5069664") or ("5090960") or ("5102390") or ("5135484") or ("5163421") or ("5163905") or ("5176638") or ("5176693") or ("5181920") or ("5195955") or ("5222941") or ("5304115") or ("5248296") or ("5281200") or ("5318576") or ("5328470") or ("5342306") or ("5380284") or ("5460610") or ("5462529") or ("5716340") or ("5725535") or ("5833644") or ("5836905") or ("5950514") or ("5968069") or ("6099497") or ("4636195") or ("4824436") or ("5087244") or ("5158564") or ("5234451") or ("5243997") or ("5380273") or ("5443078") or ("5449369") or ("5524635") or ("5549119") or ("5626593") or ("5713848") or ("5908395") or ("6093199")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/03/08 11:43
S19	1	("5951514").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/03/08 11:44
S20	0	((("5951514").PN.) and frequency	US-PGPUB; USPAT	OR	OFF	2004/03/08 11:44
S21	0	((("5951514").PN.) and frequenc\$3	US-PGPUB; USPAT	OR	OFF	2004/03/08 11:44

S22	26	((("3352303") or ("3565062") or ("3809093") or ("3823717") or ("3828770") or ("3861391") or ("3996938") or ("4404971") or ("4445892") or ("4573966") or ("4655746") or ("4692139") or ("4705502") or ("4735604") or ("4771777") or ("4781677") or ("4808153") or ("4815478") or ("4832028") or ("4834703") or ("4867141") or ("4870953") or ("4883459") or ("4898575") or ("4911163") or ("4920954") or ("5058570") or ("5059178") or ("5069664") or ("5090960") or ("5102390") or ("5135484") or ("5163421") or ("5163905") or ("5176638") or ("5176693") or ("5181920") or ("5195955") or ("5222941") or ("5304115") or ("5248296") or ("5281200") or ("5318576") or ("5328470") or ("5342306") or ("5380284") or ("5460610") or ("5462529") or ("5716340") or ("5725535") or ("5833644") or ("5836905") or ("5950514") or ("5968069") or ("6099497") or ("4636195") or ("4824436") or ("5087244") or ("5158564") or ("5234451") or ("5243997") or ("5380273") or ("5443078") or ("5449369") or ("5524635") or ("5549119") or ("5626593") or ("5713848") or ("5908395") or ("6093199")).PN.) and frequenc\$3	US-PGPUB; USPAT	OR	OFF	2004/03/08 11:44
S23	9092	((604/95.04) or (604/19) or (604/27) or (604/28) or (604/48) or (604/93.01) or (604/164.01) or (604/164.02) or (604/164.13) or (604/171) or (604/284) or (604/523) or (604/533) or (604/534) or (604/536) or (604/905) or (600/437) or (600/439) or (600/459) or (600/462) or (600/466) or (600/467) or (600/471) or (607/115) or (607/116) or (607/120) or (607/121) or (607/122)).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/10/18 15:28

S24	2964	((((604/95.04) or (604/19) or (604/27) or (604/28) or (604/48) or (604/93.01) or (604/164.01) or (604/164.02) or (604/164.13) or (604/171) or (604/284) or (604/523) or (604/533) or (604/534) or (604/536) or (604/905) or (600/437) or (600/439) or (600/459) or (600/462) or (600/466) or (600/467) or (600/471) or (607/115) or (607/116) or (607/120) or (607/121) or (607/122)).CCLS.) and frequenc\$3	US-PGPUB; USPAT	OR	OFF	2004/03/08 14:29
S25	1394	((((604/95.04) or (604/19) or (604/27) or (604/28) or (604/48) or (604/93.01) or (604/164.01) or (604/164.02) or (604/164.13) or (604/171) or (604/284) or (604/523) or (604/533) or (604/534) or (604/536) or (604/905) or (600/437) or (600/439) or (600/459) or (600/462) or (600/466) or (600/467) or (600/471) or (607/115) or (607/116) or (607/120) or (607/121) or (607/122)).CCLS.) and frequenc\$3) and rotat\$4	US-PGPUB; USPAT	OR	OFF	2004/03/08 14:31
S26	304	(((((604/95.04) or (604/19) or (604/27) or (604/28) or (604/48) or (604/93.01) or (604/164.01) or (604/164.02) or (604/164.13) or (604/171) or (604/284) or (604/523) or (604/533) or (604/534) or (604/536) or (604/905) or (600/437) or (600/439) or (600/459) or (600/462) or (600/466) or (600/467) or (600/471) or (607/115) or (607/116) or (607/120) or (607/121) or (607/122)).CCLS.) and frequenc\$3) and rotat\$4) and oscillat\$4	US-PGPUB; USPAT	OR	OFF	2004/03/08 14:38

S27	99	((604/95.04) or (604/19) or (604/27) or (604/28) or (604/48) or (604/93.01) or (604/164.01) or (604/164.02) or (604/164.13) or (604/171) or (604/284) or (604/523) or (604/533) or (604/534) or (604/536) or (604/905) or (600/437) or (600/439) or (600/459) or (600/462) or (600/466) or (600/467) or (600/471) or (607/115) or (607/116) or (607/120) or (607/121) or (607/122)).CCLS.) and (low with frequenc\$3) and rotat\$4 and oscillat\$4	US-PGPUB; USPAT	OR	OFF	2004/03/08 14:58
S28	97	((604/95.04) or (604/19) or (604/27) or (604/28) or (604/48) or (604/93.01) or (604/164.01) or (604/164.02) or (604/164.13) or (604/171) or (604/284) or (604/523) or (604/533) or (604/534) or (604/536) or (604/905) or (600/437) or (600/439) or (600/459) or (600/462) or (600/466) or (600/467) or (600/471) or (607/115) or (607/116) or (607/120) or (607/121) or (607/122)).CCLS.) and (low with frequenc\$3) and rotat\$4 and transl\$4	US-PGPUB; USPAT	OR	OFF	2004/10/18 15:34
S29	9092	((604/95.04) or (604/19) or (604/27) or (604/28) or (604/48) or (604/93.01) or (604/164.01) or (604/164.02) or (604/164.13) or (604/171) or (604/284) or (604/523) or (604/533) or (604/534) or (604/536) or (604/905) or (600/437) or (600/439) or (600/459) or (600/462) or (600/466) or (600/467) or (600/471) or (607/115) or (607/116) or (607/120) or (607/121) or (607/122)).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/03/08 14:59
S30	6783	((604/22) or (604/500) or (604/506) or (604/507) or (604/508) or (604/73) or (604/164.09) or (604/264) or (604/266) or (604/267) or (606/167) or (606/169) or (606/171) or (606/180) or (606/127) or (606/128)).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/03/08 14:59

S31	14822	(((604/95.04) or (604/19) or (604/27) or (604/28) or (604/48) or (604/93.01) or (604/164.01) or (604/164.02) or (604/164.13) or (604/171) or (604/284) or (604/523) or (604/533) or (604/534) or (604/536) or (604/905) or (600/437) or (600/439) or (600/459) or (600/462) or (600/466) or (600/467) or (600/471) or (607/115) or (607/116) or (607/120) or (607/121) or (607/122)).CCLS.) or (((604/22) or (604/500) or (604/506) or (604/507) or (604/508) or (604/73) or (604/164.09) or (604/264) or (604/266) or (604/267) or (606/167) or (606/169) or (606/171) or (606/180) or (606/127) or (606/128)).CCLS.)	US-PGPUB; USPAT	OR	OFF	2004/03/08 14:59
S32	114	(((604/95.04) or (604/19) or (604/27) or (604/28) or (604/48) or (604/93.01) or (604/164.01) or (604/164.02) or (604/164.13) or (604/171) or (604/284) or (604/523) or (604/533) or (604/534) or (604/536) or (604/905) or (600/437) or (600/439) or (600/459) or (600/462) or (600/466) or (600/467) or (600/471) or (607/115) or (607/116) or (607/120) or (607/121) or (607/122)).CCLS.) or (((604/22) or (604/500) or (604/506) or (604/507) or (604/508) or (604/73) or (604/164.09) or (604/264) or (604/266) or (604/267) or (606/167) or (606/169) or (606/171) or (606/180) or (606/127) or (606/128)).CCLS.)) and (low with frequenc\$3) and rotat\$4 and translat\$4	US-PGPUB; USPAT	OR	OFF	2004/03/08 14:59
S33	1	("5304115").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/10/18 13:55
S34	61	"5304115" URPN.	USPAT	OR	OFF	2004/10/18 13:54
S35	1	("5498236").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/10/18 13:55

S36	4	("4870953" "5248296" "5267954" "5304115").PN.	USPAT	OR	OFF	2004/10/18 13:57
S37	35	("3075515" "3232794" "3336804" "3359974" "3438253" "3595079" "3893058" "3938502" "4075036" "4253469" "4411266" "4706681" "4745928" "4749415" "4841981" "4869248" "4901734" "4936281" "4960109" "5002059" "5070882" "5174299" "5176141" "5228176" "5269291" "5271410" "5295484" "5304115" "5312328" "5363853" "5385148" "5385544" "5391197" "5405346" "5423808").PN.	USPAT	OR	OFF	2004/10/18 13:58
S38	45	("3352303" "3433226" "3526219" "3565062" "3589363" "3618594" "3809093" "3823717" "3861391" "3896811" "4188952" "4214586" "4223676" "4366819" "4431006" "4587958" "4587972" "4589419" "4665906" "4692139" "4750902" "4794931" "4799496" "4800876" "4808153" "4821731" "4841977" "4844092" "4870953" "4898575" "4917097" "4919133" "4920954" "4923441" "4924863" "4936281" "4957111" "4960411" "4979939" "4988356" "5058570" "5061238" "5069664" "5076276" "5100423").PN.	USPAT	OR	OFF	2004/10/18 15:34

S39	9773	((604/95.04) or (604/19) or (604/27) or (604/28) or (604/48) or (604/93.01) or (604/164.01) or (604/164.02) or (604/164.13) or (604/171) or (604/284) or (604/523) or (604/533) or (604/534) or (604/536) or (604/905) or (600/437) or (600/439) or (600/459) or (600/462) or (600/466) or (600/467) or (600/471) or (607/115) or (607/116) or (607/120) or (607/121) or (607/122)).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/10/18 15:28
S40	7	((604/95.04) or (604/19) or (604/27) or (604/28) or (604/48) or (604/93.01) or (604/164.01) or (604/164.02) or (604/164.13) or (604/171) or (604/284) or (604/523) or (604/533) or (604/534) or (604/536) or (604/905) or (600/437) or (600/439) or (600/459) or (600/462) or (600/466) or (600/467) or (600/471) or (607/115) or (607/116) or (607/120) or (607/121) or (607/122)).CCLS.) and (rotating or rotational or rotary) same (translational or translating or forward or backward or back or forth) same oscillating	US-PGPUB; USPAT	OR	OFF	2004/10/18 15:44
S41	1	("5304115").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/10/18 15:34
S42	61	"5304115".URPN.	USPAT	OR	OFF	2004/10/18 15:34
S43	5	"6508782"	US-PGPUB; USPAT	OR	OFF	2004/10/18 15:39

S44	47	("3352303" "3565062" "3809093" "3823717" "3828770" "3861391" "3996938" "4404971" "4445892" "4636195" "4692139" "4705502" "4735604" "4781677" "4808153" "4815478" "4824436" "4834703" "4867141" "4870953" "4898575" "4911163" "4920954" "5058570" "5069664" "5090960" "5163421" "5163905" "5176638" "5195955" "5222941" "5243997" "5248296" "5304115" "5328470" "5342306" "5380273" "5380284" "5460610" "5462529" "5716340" "5725535" "5833644" "5836905" "5951514" "5968069" "6099497").PN.	USPAT	OR	OFF	2004/10/18 15:39
S45	11	((((604/95.04) or (604/19) or (604/27) or (604/28) or (604/48) or (604/93.01) or (604/164.01) or (604/164.02) or (604/164.13) or (604/171) or (604/284) or (604/523) or (604/533) or (604/534) or (604/536) or (604/905) or (600/437) or (600/439) or (600/459) or (600/462) or (600/466) or (600/467) or (600/471) or (607/115) or (607/116) or (607/120) or (607/121) or (607/122)).CCLS.) and (rotat\$4 or rotary) same (translat\$4 or forward or backward or back or forth) same oscillating	US-PGPUB; USPAT	OR	OFF	2004/10/18 15:45
S46	118	"4870953".URPN.	USPAT	OR	OFF	2004/10/18 15:45
S47	57	"4870953".URPN. and rotat\$4	US-PGPUB; USPAT	OR	OFF	2004/10/18 15:45
S48	69	"4870953".URPN. and (rotary or rotat\$6)	US-PGPUB; USPAT	OR	OFF	2004/10/18 15:46

S49	10604	((604/95.04) or (604/19) or (604/27) or (604/28) or (604/48) or (604/93.01) or (604/164.01) or (604/164.02) or (604/164.13) or (604/171) or (604/284) or (604/523) or (604/533) or (604/534) or (604/536) or (604/905) or (600/437) or (600/439) or (600/459) or (600/462) or (600/466) or (600/467) or (600/471) or (607/115) or (607/116) or (607/120) or (607/121) or (607/122)).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/20 20:24
S50	7	((604/95.04) or (604/19) or (604/27) or (604/28) or (604/48) or (604/93.01) or (604/164.01) or (604/164.02) or (604/164.13) or (604/171) or (604/284) or (604/523) or (604/533) or (604/534) or (604/536) or (604/905) or (600/437) or (600/439) or (600/459) or (600/462) or (600/466) or (600/467) or (600/471) or (607/115) or (607/116) or (607/120) or (607/121) or (607/122)).CCLS.) and (rotating or rotational or rotary) same (translational or translating or forward or backward or back or forth) same oscillating	US-PGPUB; USPAT	OR	OFF	2005/03/20 20:53
S51	10604	((604/95.04) or (604/19) or (604/27) or (604/28) or (604/48) or (604/93.01) or (604/164.01) or (604/164.02) or (604/164.13) or (604/171) or (604/284) or (604/523) or (604/533) or (604/534) or (604/536) or (604/905) or (600/437) or (600/439) or (600/459) or (600/462) or (600/466) or (600/467) or (600/471) or (607/115) or (607/116) or (607/120) or (607/121) or (607/122)).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/20 20:53

S52	11956	((604/95.04) or (604/19) or (604/22) or (604/27) or (604/28) or (604/48) or (604/93.01) or (604/164.01) or (604/164.02) or (604/164.13) or (604/171) or (604/284) or (604/523) or (604/533) or (604/534) or (604/536) or (604/905) or (600/437) or (600/439) or (600/459) or (600/462) or (600/466) or (600/467) or (600/471) or (607/115) or (607/116) or (607/120) or (607/121) or (607/122)).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/20 20:53
S53	21	S52 and (rotating or rotational or rotary) same (translational or translating or forward or backward or back or forth) same oscillating	US-PGPUB; USPAT	OR	OFF	2005/03/20 20:53